



Switch mechanism, 1N/O+2N/C, for ATB

Part no. **ATB12-7**
 Article no. **081179**
 Catalog No. **-**

Delivery program

Basic function		Components
Part group reference		AT4
Product range		Switch mechanisms
Description		For flush mounting in insulated enclosure
For use with		IB-AT4
Contacts		
N/O = Normally open		1 N/O
N/C = Normally closed		2 NC
Notes		= safety function, by positive opening to IEC/EN 60947-5-1
Contact sequence		
Positive opening (ZW)		yes



Technical data

General		
Standards		IEC/EN 60947
Climatic proofing		Damp heat, constant, to IEC 60068-2-78; damp heat, cyclical, to IEC 60068-2-30
Mounting position		As required
Terminal capacities		mm ²
Solid		mm ² 1 x (0.75 - 2.5) 2 x (0.75 - 1.5)
Flexible with ferrule		mm ² 1 x (0.5 - 1.5) 2 x (0.5 - 1.5)

Contacts/switching capacity

Rated impulse withstand voltage	U_{imp}	V AC	6000
Rated insulation voltage	U_i	V	500
Overvoltage category/pollution degree			III/3
Rated operational current	I_e	A	
AC-15			
24 V	I_e	A	10
220 V 230 V 240 V	I_e	A	6
380 V 400 V 415 V	I_e	A	4
DC-13			
24 V	I_e	A	3
110 V	I_e	A	0.8
220 V	I_e	A	0.4
Supply frequency		Hz	max. 400
Short-circuit rating to IEC/EN 60947-5-1			
max. fuse		A gG/gL	6
Repetition accuracy		mm	0.02

Mechanical variables

Contact temperature of roller head		°C	 100
Mechanical shock resistance (half-sinusoidal shock, 20 ms)			
Standard-action contact		g	5
Snap-action contact		g	2
Operating frequency	Operations/h		 6000

Actuation

Mechanical			
Actuating torque of rotary drives		Nm	0.3

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Technical data ETIM 6.0

Sensors (EG000026) / Accessories for position switches (EC002594)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Binary sensor technology, safety-related sensor technology (accessories) / Position switch (accessories) (ecl@ss8.1-27-27-92-25 [ACN884008])			
Type of accessory			Switch element